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JC806 U.S. PTO

JC598 U.S. PTO  
09/716778  
11/20/00

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No: 29473/11899

**PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53**

**Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231**

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Peter Mühlradt and Ursula Deiters

Title: VERWENDUNG VON LIPOPEPTIDEN ODER LIPOPROTEINEN ZUR  
WUNDBEHANDLUNG (USE OF LIPOPEPTIDES OR LIPOPROTEINS FOR WOUND  
TREATMENT)

**1. Type of Application**

☒ This is a new application for a  
☒ utility patent.

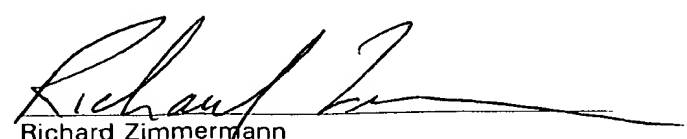
☒ This is a continuation-in-part application of prior application no. PCT/EP99/03436  
filed May 19, 1999.

**2. Application Papers Enclosed**

- 1 Title Page
- 19 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
- 4 Pages of Claims
- 1 Page of Abstract
- 14 Sheets of Drawings (Figs. 1A to 7)
  - ☐ Formal
  - ☒ Informal

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **November 20, 2000**, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EM099904931US.

  
Richard Zimmermann

09716778-112000

3. Declaration or Oath

- ☐ Enclosed
- ☐ Executed by (check all applicable boxes)
- ☐ Inventor(s)
- ☐ Legal representative of inventor(s)  
(37 CFR 1.42 or 1.43)
- ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
- ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Additional Papers Enclosed

- ☒ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☒ Return receipt postcard
- ☐ Other

5. **Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

☐ are attached.

☒ will follow.

COUNTRY	APPLICATION NO.	FILED
Germany	198 22 820.1	20 May 1998

6. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$355.00		\$710.00
TOTAL	12 -20	=	X 9 =	\$	X 18 =	
INDEP.	4 - 3	=	X 40 =	\$	X 80 =	80.00
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 135 =	\$	+ 270 =	
Filing Fee:				\$	<b>OR</b>	790.00

B. ☐ **Design Application (\$160.00/\$320.00)** Filing Fee: \$ \_\_\_\_\_

C. ☐ **Plant Application (\$245.00/\$490.00)** Filing Fee: \$ \_\_\_\_\_

D. **Other Fees**

☐ Recording Assignment [Fee -- \$40.00 per assignment] \$ \_\_\_\_\_

☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee -- \$130.00] \$ \_\_\_\_\_

☐ Other \$ \_\_\_\_\_

**Total Fees Enclosed \$790.00**

Figure 1 consists of 15 sub-graphs, labeled (a) through (o), each showing the effect of a different factor on the growth of *P. aeruginosa*. The y-axis for all graphs is 'Growth' (0-100) and the x-axis is 'Time' (0-100). The factors are: (a) pH, (b) Temperature, (c) Salinity, (d) Oxygen, (e) Light, (f) Humidity, (g) Nutrient, (h) Inoculum, (i) Media, (j) Incubation, (k) Time, (l) pH, (m) Temperature, (n) Salinity, and (o) Oxygen. Each graph shows a different growth curve, with some showing a rapid increase in growth and others showing a more gradual increase or a decrease in growth over time.

- ## 8. Deposit Account and Refund Authorization

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

## 9. Correspondence Address

Customer No.: 04743

Respectfully submitted,

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By:

James P. Zeller  
Reg. No: 28,491

November 20, 2000